

Datasheet for ABIN3031997
anti-NAMPT antibody (AA 400-426)

5 Images

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Overview

Quantity:	0.4 mL
Target:	NAMPT
Binding Specificity:	AA 400-426
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAMPT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 400-426 from the human protein was used as the immunogen for this NAMPT antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Pig
Purification:	Antigen affinity purified

Target Details

Target:	NAMPT
Alternative Name:	NAMPT (NAMPT Products)
Background:	NAMPT catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to

Target Details

yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

UniProt: [P43490](#)

Application Details

Application Notes: Titration of the NAMPT antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

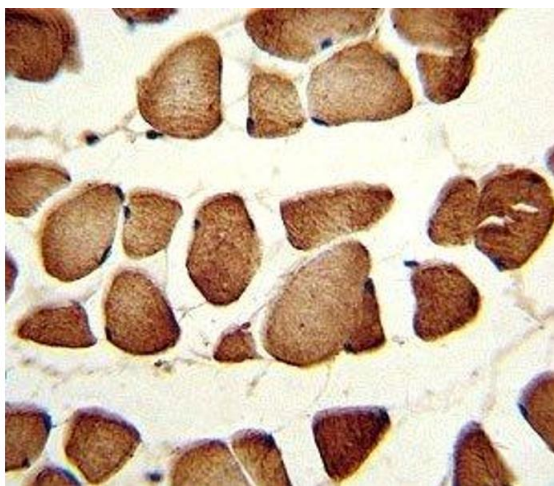
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

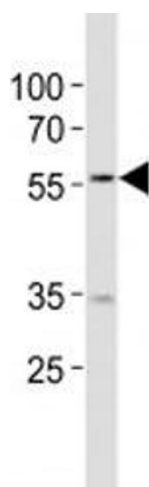
Storage: -20 °C

Storage Comment: Aliquot the NAMPT antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



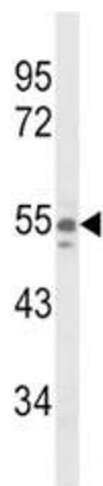
Immunohistochemistry

Image 1. IHC analysis of FFPE human skeletal muscle stained with NAMPT antibody



Western Blotting

Image 2. Western blot analysis of lysate from MCF-7 cell line using NAMPT antibody diluted at 1:1000.



Western Blotting

Image 3. Western blot analysis of NAMPT antibody and A375 lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031997.